Electrical/System Engineering Intern

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| Date | 03/03/2021 |
| Position Type | Full-time, hourly, exempt |
| Location | Boulder, CO |
| Travel | 0% Travel |

Summary

We are seeking enthusiastic, highly motivated students to join our team as paid interns. In addition to strong technical skills, the candidate must have excellent collaboration and communication skills and a willingness to expand their skillset to help achieve product development milestones. Be prepared to join a dynamic team with a fast-paced and lively culture for a company desiring to make a positive impact on the life sciences and healthcare industries.

This position is ideal for a Sophomore or Junior undergrad student, majoring in Electrical Engineering, Computer Engineering, Software Engineering or similar. This is a fantastic opportunity to gain some real-world industry experience working on a highly complex instrument. This will be a full-time paid internship for the summer of 2021 (May through August). Students must be local to the Boulder County area, and able to work onsite in our Boulder office as well as remotely.

Job Responsibilities:

* Contribute to embedded software projects across a number of sub-systems
* Development of supporting documentation and testing software
* Review, Creation, and contribution to PCB design and manufacturing
* Debugging of software and hardware issues related to embedded systems
* Coordinate with mechanical and industrial engineers for fit and function assurance
* Mentorship under a senior engineer, and opportunity to cross train among various teams and functions

Required Qualifications:

* Actively pursuing BS or MS in engineering or computer science
* Strong communication skills, willingness to learn
* Able to commute to our Boulder office as needed
* Comfortable working remote as needed
* Understanding of microcontrollers and embedded systems

Preferred Qualifications:

* Fluency C, C++, and, to a lesser extent, assembly is a plus
* Fluency in Python is a plus.
* Familiarity with Schematic Capture and PCB Design (Altium, Eagle) a plus
* Experience with Linux OS, Python, and other programming development tools are a plus
* Experience with Raspberry Pi a plus

*Keywords: engineering internship, electrical engineering internship, student jobs, software engineering internship, computer engineering internship, summer internship, summer job, engineering student*

About Us

Dropworks is a start-up biotechnology life science tools company headquartered in Boulder, Colorado. We are venture capital funded with close to 50 full time employees, and rapidly expanding. Our passionate and collaborative team is aiming to transform digital PCR with the development of our ContinuumTM Digital Flow PCR system. We are integrating the digital PCR workflow into a single, low cost, easy-to-use platform, transforming the way researchers approach and access droplet PCR instrumentation and data. The ContinuumTM will be used worldwide throughout the research community by biotechnology companies, contract research organizations, pharmaceutical companies, applied markets and academic institutions. Our customers work across a wide spectrum of scientific research, including cancer genetics, infectious disease, genomics, translational diagnostics and personalized medicine.

Intern Benefits

* Traditional and Roth 401(k)
* Flexible work hours
* Work from home flexibility
* Company-issued laptop for working in the office and remotely
* Mentorship & training

Pay Range

* $20-$25 per hour
* No additional bonus, commission, or compensation

*Disclaimer - this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee. Duties, responsibilities and activities may change, or new ones may be assigned at any time with or without notice.*